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The Files -

30 December 1958

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Trip Report - Rework of the RS-16A and the AS-4

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1. The [] was visited on 8 and 9 December 1958 to discuss the reworking of the RS-16A and the AS-4 receive terminal equipment developed under [] Task Orders 1 and 2. Discussions were held with the following personnel of the []

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2. [] briefed [] Manager of the Communications Division, on the necessity and urgency for rework of the RS-16A and the AS-4 equipment for use in areas where conventional communications may be denied. The importance of the AS-6 program was also stressed. The work being done on the RS-16 equipment is progressing on schedule. The AS-4 base station equipment has already been put in first class operating condition. The contractor is working on three RS-16A sets. Two will be ready for test by 25 December 1958. The final three sets will be delivered to the contractor for reworking on 6 January 1959. Following the completion of local testing of the first two RS-16A units into the AS-4 [] on 7 and 8 January, tests will be conducted on 12 January 1959 from Washington, D.C. into the base station [] The AS-4 base station then will be packed for overseas shipment. Shipment of the AS-4 [] is scheduled for 16 January 1959 by [] Included in the shipment will be a Visicorder for read-out of the RS-16A transmissions at the AS-4 receive terminal. Another Visicorder is being delivered by the contractor for use with the AS-4 receive terminal [] for back-up purposes. A small modification kit will also be furnished to permit the AS-4 to work into the Visicorder. An RS-16A test power supply is also being delivered by the contractor. The test power supply will be used [] for maintenance of the RS-16 sets. A modification kit is being provided to improve the AGC characteristics of the AS-4 [] for better RS-16 reception. The modifications mentioned above are included in the AS-4 terminal going to [] Crystals have been furnished to the contractor for the RS-16A sets and the AS-4 terminals.

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3. The contractor is preparing an increase cost estimate of \$45,000 on Task Order 7, the [] Service Contract. \$5,000 of this is for furnishing spare parts for the six EB-16 units being shipped to the field. \$20,000 is for the rework being done above. The remaining \$20,000 will be for A3-6 test purposes and other requirements that may arise under Contract []

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cc: R&D Subject File
 Monthly Report (2)
 R&D Lab
 R&D Chrono
 EP Chrono

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